AMENDMENTS TO THE CLAIMS

1. (currently amended): A reconfigurable network-equipment power-management system, comprising:

a power-distribution apparatus having a power input disposed in the power-distribution apparatus and a communication interface disposed in the power-distribution apparatus for communicating with a remote user system;

a plurality of power-control outlets disposed in the power-distribution apparatus, the plurality of power-control outlets connectable in power supply communication with the power input and one or more separate electronic appliances;

a plurality of power-control relays disposed in the power-distribution apparatus, each of the plurality of power-control relays in power control communication with at least one among the plurality of power-control outlets, whereby the plurality of power-control outlets and the plurality of power-control relays provide operating power to the one or more separate electronic appliances and are able to interrupt the operating power to the one or more separate electronic appliances;

a power-control outlet user configuration ~~file~~ accessible by the remote user system for affecting the power provided or interrupted to the plurality of power-control outlets, wherein the power-control outlet user configuration ~~file~~ comprises user configuration data for <u>at least one of</u> ~~each of~~ the plurality of power-control outlets disposed in the power-distribution apparatus;

a memory disposed in the power-distribution apparatus and having a power-control outlet user configuration ~~file~~ storage area; and

at least one power controller ~~board~~ disposed in the power-distribution apparatus, wherein the at least one power controller ~~board~~ corresponds to at least two of the plurality of power-control outlets, the at least one power controller ~~board~~ comprising a power-control outlet user configuration ~~file~~ transfer mechanism in communication with the communication interface accessible by the remote user system, whereby the power-control outlet user configuration ~~file~~ transfer

mechanism imports and exports the power-control outlet user configuration data
~~file~~ between ~~from~~ the power-distribution apparatus and ~~to~~ the remote user system
via the communication interface as a plurality of data packets that are assembled to
form the power-control outlet user configuration.

2. (previously presented): The system of claim 1, further comprising:

a network software conversion agent in communication with a remote
power manager at the remote user system, whereby the network software
conversion agent converts software commands communicated as TCP/IP packets
into signals that can be understood by the remote power manager.

3. (currently amended): The system of claim 1, further comprising:

a configuration upload command mechanism in communication with the
power-control outlet user configuration ~~file~~ transfer mechanism, whereby the
configuration upload command mechanism recognizes a user command to upload
the power-control outlet user configuration ~~file~~ from the memory disposed in the
power-distribution apparatus to a destination.

4. (currently amended): The system of claim 1, further comprising:

a configuration substitution command mechanism in communication with
the power-control outlet user configuration ~~file~~ transfer mechanism, whereby the
configuration substitution command mechanism recognizes a user command to
download a substitute power-control outlet user configuration ~~file~~ to the memory
disposed in the power-distribution apparatus from a source.

5. (previously presented): The system of claim 1, further comprising:

an integrity-checking application that checks the integrity of ~~a~~ substitute
power-control outlet user configuration data ~~file~~ downloaded to the memory
disposed in the power-distribution apparatus and facilitates rejection of a corrupted
data ~~file~~ transfer.

6. (currently amended): The system of claim 1, further comprising:

an integrity-checking application that checks the integrity of~~a~~ substitute power-control outlet user configuration data ~~file~~ downloaded to the memory disposed in the power-distribution apparatus and facilitates adoption of an acceptable data ~~file~~ transfer.

7. (currently amended): The system of claim 1, further comprising:

a configuration editor application that allows for construction of a substitute power-control outlet user configuration ~~file~~.

8. (currently amended): The system of claim 1, further comprising:

a configuration editor application that allows for modification of the power-control outlet user configuration ~~file~~ into a substitute power-control outlet user configuration ~~file~~.

9. (previously presented): The system of claim 1, further comprising:

a network software conversion agent in communication with a remote power manager at the remote user system, whereby the network software conversion agent converts software commands communicated as TCP/IP packets into signals that can be understood by the remote power manager;

a command mechanism in communication with the power-control outlet user configuration ~~file~~ transfer mechanism, whereby the command mechanism recognizes a first user command to upload the power-control outlet user configuration ~~file~~ from the memory disposed in the power-distribution apparatus to a destination and recognizes a second user command to download a substitute power-control outlet user configuration ~~file~~ to the memory disposed in the power-distribution apparatus from a source;

a transfer mechanism, whereby the transfer mechanism checks the integrity of the substitute power-control outlet user configuration ~~file~~ downloaded to the

memory disposed in the power-distribution apparatus and rejects a corrupted ~~file~~ transfer, and whereby the transfer mechanism also checks the integrity of the substitute power-control outlet user configuration data ~~file~~ downloaded to the memory disposed in the power-distribution apparatus and adopts for use an acceptable data ~~file~~ transfer; and

an editor application, whereby the editor application allows for modification of the power-control outlet user configuration ~~file~~ into a substitute user configuration ~~file~~.

10. (currently amended): A method of managing user configuration data in a reconfigurable network-equipment power-management and distribution system, the method comprising the steps of:

providing power to one or more separate electronic appliances through a plurality of power-control outlets disposed in a local power-distribution apparatus;

remotely controlling the plurality of power-control outlets disposed in the local power-distribution apparatus with a remote control application to supply or interrupt power to one or more of the plurality of power-control outlets;

transferring a power-control outlet user configuration data ~~file~~ to the local power-distribution apparatus through a network software conversion agent that converts software commands communicated as packets into the power-control outlet user configuration data, the power-control outlet user configuration data ~~file~~ comprising user configuration data for supplying or interrupting power for ~~each of~~ the plurality of power-control outlets disposed in the local power-distribution apparatus;

uploading a copy of the power-control outlet user configuration data ~~file~~ to the remote control application from the local power-distribution apparatus over a data communication channel through the network software conversion agent; and

downloading a substitute power-control outlet user configuration data ~~file~~ from the remote control application to the local power-distribution apparatus over the data communication channel through the network software conversion agent,

wherein the substitute power-control outlet user configuration data file may replace the power-control outlet user configuration data file.

11. (currently amended): The method of claim 10, further comprising the step of:

checking the integrity of the power-control outlet user configuration data file and aborting the uploading step if corrupted.

12. (currently amended): The method of claim 10, further comprising the step of:

checking the integrity of the power-control outlet user configuration data file and adopting it for use if not corrupted.

13. (currently amended): A remote power manager system in communication with a distal power manager application through a data communications network, the remote power manager system comprising in combination:

A. a remote power manager having power input connectable to a power network that provides power to be distributed to associated electronic devices, a plurality of power-control power output ports connectable to the power input and the associated electronic devices, a power controller in power controlling communication with the plurality of power-control power output ports, a data communications network port system in communication with the power controller and being connectable to the data communications network, and a power manager memory providing storage for a power-control power output port user configuration file, the power-control power output port user configuration file comprising user configuration data for supplying or interrupting power to each of the plurality of power-control power output ports and

B. a power-control power output port user configuration file transfer application providing for selectably importing a power-control power output port

user configuration ~~file~~ from the distal power manager application through the data communications port system to the power manager memory, or exporting the power-control power output port user configuration ~~file~~ from the power manager memory through the data communications network port system to the distal power manager application over the data communications network <u>through a plurality of packets that are assembled form the power-control power output port user configuration</u>.

14. (currently amended): The remote power manager system of claim 13, wherein the power-control power output port user configuration ~~file~~ comprises at least one user-assigned name for at least one of the plurality of power-control power output ports.

15. (previously presented): The system of claim 1, wherein the power-distribution apparatus comprises a housing mountable to an electrical equipment rack.

16. (previously presented): The system of claim 15, wherein the housing comprises a vertical housing vertically mounted to the electrical equipment rack.

17. (previously presented): The method of claim 15, wherein the one or more separate electrical appliances are mounted in the electrical equipment rack or another electrical equipment rack

18. (previously presented): The system of claim 17, wherein the plurality of power-control outlets are in active power supply communication with the one or more separate electronic appliances.

19. (previously presented): The remote power manager system of claim 13, wherein the plurality of power-control power output ports and the power controller

in power controlling communication with the plurality of power-control power output ports are disposed in a power distribution apparatus housing.

20. (previously presented): The remote power manager system of claim 19, wherein the power distribution apparatus housing is mountable in an electrical equipment rack and the associated electronic devices are mounted in the electrical equipment rack.